

INTERNATIONAL SEARCH REPORT

In ☐ International Application No

PCT/US 03/34566

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04Q7/30 G10L19/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04Q G10L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ETSI: "Digital Cellular telecommunication system (phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Inband Tandem Free Operation (TF0) of speech codecs; Service Description; Stage 3 (3GPP TS 28.062 version 5.0.0 Release 5)" ETSI TS 128 062 V5.0.0, XX, XX, March 2002 (2002-03), pages 14-19,35, XP002248624	6,7
A	paragraph '04.1! - paragraph '04.4! paragraphs '06.2!, '06.3!, '06.5! paragraphs '0007!, '07.1!, '07.2! paragraphs '9.2.5!, '9.4.2! paragraphs '11.1!, '11.3!, '11.5! paragraph '11.6! figures G.4.1-1, G.5-1, G.6-1 ----- -/--	1-5,8



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

29 March 2004

Date of mailing of the international search report

26/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Bösch, M

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/US 03/34566

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 995 923 A (RABIPOUR RAFI ET AL) 30 November 1999 (1999-11-30) column 10, line 41 - column 12, line 9 column 13, line 46 - column 15, line 10 figures 3b, 3c, 5, 6 -----	1-5, 8
Y	WO 96/32823 A (NOKIA TELECOMMUNICATIONS OY ; LEHTIMAEMI MATTI (FI)) 17 October 1996 (1996-10-17) page 3, line 6 - line 22 page 19, line 6 - page 26, line 17 figures 5, 7 -----	1-5, 8
A	EP 1 014 738 A (NORTEL NETWORKS CORP) 28 June 2000 (2000-06-28) paragraphs '0005!', '0006! paragraph '0010! - paragraph '0014! paragraphs '0017!', '0019!', '0020! paragraph '0022! paragraph '0026! - paragraph '0028! figures 2-5 -----	1-5, 8
A	EP 1 083 762 A (CIT ALCATEL) 14 March 2001 (2001-03-14) paragraph '0002! paragraph '0004! - paragraph '0008! paragraph '0021! - paragraph '0025! figure 1 -----	1

INTERNATIONAL SEARCH REPORT

Int'l Application No

PCT/US 03/34566

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5995923	A	30-11-1999	CA 2256329 A1 WO 9900791 A1 CN 1228867 A EP 0920693 A1 JP 2001500344 T	07-01-1999 07-01-1999 15-09-1999 09-06-1999 09-01-2001
WO 9632823	A	17-10-1996	FI 951807 A AU 705619 B2 AU 5336396 A CA 2217693 A1 CN 1185262 A ,B EP 0820685 A1 WO 9632823 A1 JP 11503582 T NO 974705 A US 5991716 A	14-10-1996 27-05-1999 30-10-1996 17-10-1996 17-06-1998 28-01-1998 17-10-1996 26-03-1999 11-12-1997 23-11-1999
EP 1014738	A	28-06-2000	CA 2290307 A1 EP 1014738 A2	22-06-2000 28-06-2000
EP 1083762	A	14-03-2001	EP 1083762 A1 AU 4515300 A HU 0002955 A2 JP 2001127697 A	14-03-2001 15-03-2001 28-03-2001 11-05-2001